

**Attention:** Mobile Electronics Contestant Instructors

**Subject:** SC SkillsUSA Mobile Electronics Competition 2024

## Contest Updates

The following are important updates and information pertaining to the SC Mobile Electronics Competition 2024

Instructor, **PLEASE** read the SkillsUSA Technical Standards for the Mobile Electronics Installation Contest.

Instructors, **PLEASE**, check the SC SkillsUSA website for updates frequently and before coming to the Competition. If you have trouble connecting to the SC SkillsUSA website, contact the SC SkillsUSA director before the day before the competition.

### **Pay particular attention to the clothing and safety requirements.**

We will be using 14, 16, & 18 AWG primary copper stranded wire.

**Each contestant must have their own tool set.** Two students from the same school must each have their own tool set. No sharing of tools. The technical committee will have no tools to loan. We will be checking individual tool boxes. The lack of required tool(s), or inoperative tool(s), may result in disqualification of a station and it will be part of the grade. Please pre-check DMM batteries, fuses, & leads, also pre-check Soldering equipment operation.

In addition to those tools listed in the National SkillsUSA Mobile Electronics Competition Technical Standards, we are adding or defining (clarifying) the following tools:

1. A separate pair of wire cutters. Not part of the wire strippers or crimpers.
2. Wire Strippers are specified, **No Pocket Knives.**
3. Be sure the crimpers are for both insulated and non-insulated lugs. (Contestant may bring one pair of each). **No ratcheting or hydraulic crimper tools will be allowed.**
4. The tool list specifies a soldering iron. A soldering gun is also acceptable. We will have 110V available. **NO Butane soldering tools are allowed.** We will provide Solder and Flux.
5. The tool list also specifies **a DMM.** Be sure it is capable of measuring 0 to 1,000 Millie Amps DC, and 0 to 10 amps DC.
6. **Instructors**, be sure to review the SkillsUSA Technical Standards for the “Mobile Electronics Installation Contest”, Paying particular attention to the “Standards and Competencies”.
7. **This year, contestants must bring a printed Resume to the “Mobile Electronics” competition.** We will have an Interview station. If this changes, an update will be posted.

**Lunch will be provided.** Food from outside cannot be brought into the facility. If any of this changes, an update will be posted.

The contest starts at 9:00 am and we anticipate ending at 4:00 pm. Times may change due to the number of contestants. If this changes an update will be posted.

**There will be a Written “Mobile Electronics Specific” test.** This will be done during the virtual testing window posted online.

My goal is for the competition is to afford each student an opportunity to showcase their skills, and equally important, to have a good time. The contest will be challenging and I hope fun!

If you have any questions feel free to contact me. David Sloan - [dsloan590@charter.net](mailto:dsloan590@charter.net) - 864-590-0434